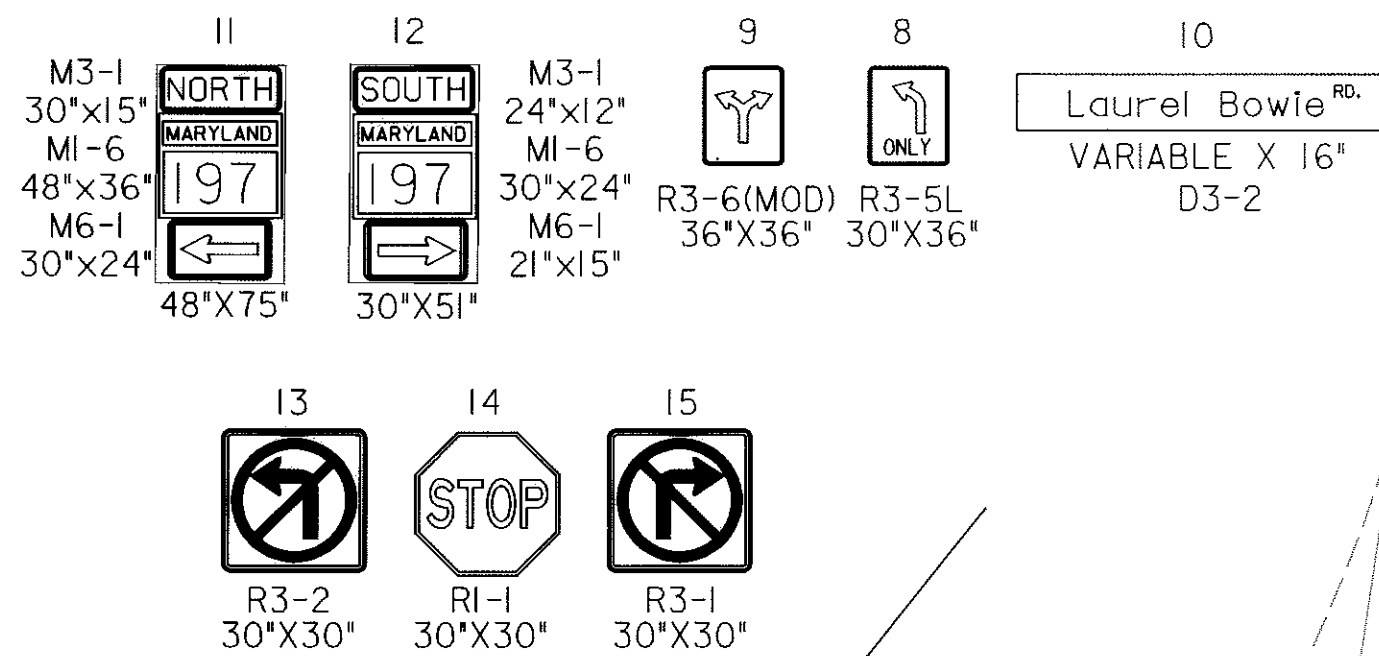
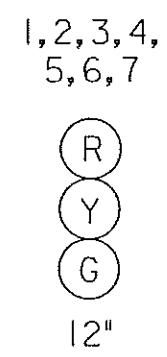


NOTE:  
MD 197 IS ASSUMED TO RUN  
IN NORTH-SOUTH DIRECTION.

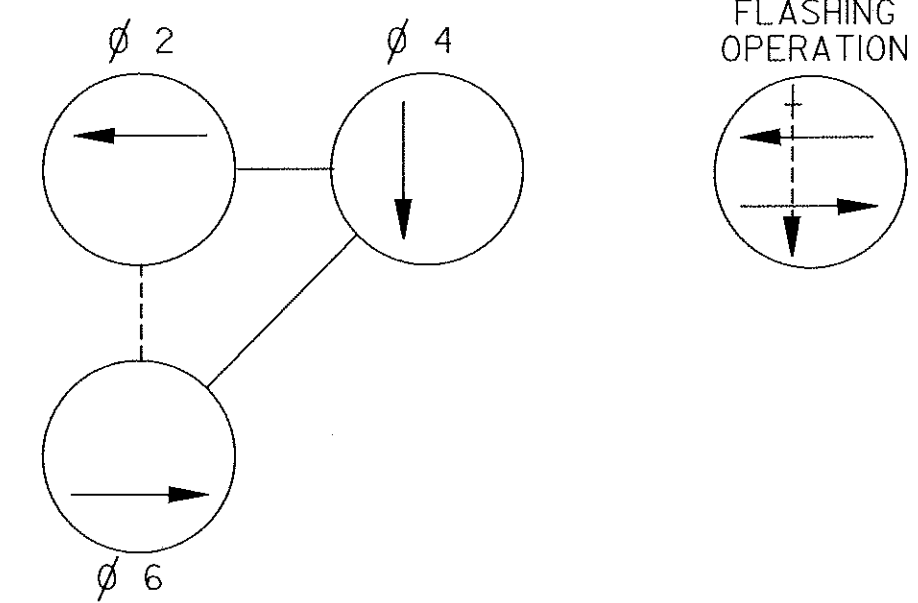
## SIGNS



## SIGNALS



## NEMA PHASING



## PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

## GENERAL NOTES

1. CONTRACTOR MUST VERIFY PROPOSED GRADE AND LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
2. CONTRACTOR MUST VERIFY LOCATION OF ALL PROPOSED AND EXISTING UTILITIES PRIOR TO ANY WORK.
3. ALL SIGNAL POLES, CONDUITS AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
4. WHEN INSTALLING SIGNAL HEADS, THE CONTRACTOR SHALL LEAVE ENOUGH CABLE TO RELOCATE THEM FOR MAINTENANCE OF TRAFFIC PLACEMENT.
5. THE LOOP DETECTORS AND CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
6. CONTRACTOR IS RESPONSIBLE FOR COORDINATING TRAFFIC SIGNAL POWER FEED WITH BG&E.
7. PAVEMENT MARKINGS DETAILED ARE TO BE INSTALLED BY THE CONTRACTOR AS PER MARYLAND STATE HIGHWAY ADMINISTRATION STANDARDS.
8. REMOVE ALL UNUSED CABLE.

REMOVE EXISTING SIGNAL & SIGNAL EQUIPMENT

**RUMMEL, KLEPPER & KAHL, LLP**  
CONSULTING ENGINEERS

81 MOSHER STREET  
BALTIMORE, MARYLAND 21217  
TEL: (410) 728-2900 FAX: (410) 383-3270

REVISIONS:	APPROVALS:
	CHIEF SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER TRAFFIC
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION

LOG MILE # 16019711.69

DRAWN BY: SMH  
DES. BY: SMH/DLA  
CHK. BY: BJH

MD 197 AT SNOWDEN RD/RAMP C-1  
SIGNAL PLAN

COUNTY: PRINCE GEORGE'S

DATE: FEBRUARY, 1999 F.A.P. NO. SEE TITLE SHEET  
SCALE: 1"=20' S.H.A. NO. N/A

TS/STD. NO.: 3582B-X2-PS  
SHEET NO. 126B OF 367

02/22/99 17:09:49